

Title (en)  
APPARATUS AND METHOD FOR ESTIMATING BIO-INFORMATION

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR SCHÄTZUNG VON BIOINFORMATIONEN

Title (fr)  
APPAREIL ET PROCÉDÉ D'ESTIMATION D'INFORMATIONS BIOLOGIQUES

Publication  
**EP 3854301 A1 20210728 (EN)**

Application  
**EP 20216581 A 20201222**

Priority  
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Abstract (en)  
An apparatus for estimating bio-information may include a sensor configured to obtain a bio-signal from an object, and a processor configured to obtain a second-order differential signal of the bio-signal, and extract a progressive wave component from the bio-signal using, based on a first local minimum point of the second-order differential signal being stable, the first local minimum point of the second-order differential signal, or extract the progressive wave component from the bio-signal using, based on the first local minimum point of the second-order differential signal being unstable, a maximum amplitude point in a systolic portion of the bio-signal.

IPC 8 full level  
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**A61B 5/746** (2013.01 - CN)

Citation (search report)  
• [X] US 2019076099 A1 20190314 - PARK CHANG SOON [KR], et al  
• [A] US 6616613 B1 20030909 - GOODMAN JESSE B [CA]  
• [I] US 2019110757 A1 20190418 - KWON UI KUN [KR], et al  
• [E] EP 3791780 A1 20210317 - SAMSUNG ELECTRONICS CO LTD [KR]

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US 2021228100 A1 20210729

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